

**TABLE S4** | Spearman's correlation coefficients of PCA axes to main environmental variables. FC: forest cover; DU: distance to the Usumacinta; EC: electric conductivity; DO: dissolved oxygen; TC: water temperature; ORD: Strahler stream order.

Variable	PC1		PC2	
	<i>r</i>	<i>pval</i>	<i>r</i>	<i>pval</i>
FC	0.777	<0.001	-0.411	<0.001
DU	-0.599	<0.001	-0.243	0.011
EC	0.749	<0.001	-	-
DO	-0.300	0.002	0.470	<0.001
TC	0.541	<0.001	0.507	<0.001
ORD	0.213	0.027	0.820	<0.001



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